

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Canceled)

2. (Currently Amended) The stolen vehicle tracking apparatus according to claim 1, wherein

the communication enable area discriminator monitors a communication status every for given time intervals even in a transmission interruptive state; and

the controller transmits the given information to the base station when communication is made available.

3. (Currently Amended) ~~The A~~ stolen vehicle tracking apparatus ~~according to claim 1~~ further comprising:

an on-vehicle transmitter transmitting given information to a base station in occurrence of an own vehicle being stolen;

a communication enable area discriminator discriminating to find whether communication is available between the own vehicle and the base station;

a controller controlling the on-vehicle transmitter so as to interrupt the given information from being transmitted when discriminated by the communication enable area discriminator that the own vehicle stands outside of a communication area; and

a speed detector detecting an own vehicle speed, ~~and~~

wherein when discriminated that communication is made available between the own vehicle and the base station, the communication enable area discriminator alters a time interval, for which the given information is transmitted, in dependence on the own vehicle speed detected by the speed detector.

4. (original) The stolen vehicle tracking apparatus according to claim 3, wherein the communication enable area discriminator sets the time interval, for which the given information is transmitted, to be a shortened time interval in occurrence of the own vehicle speed exceeding a given speed.

5. (Original) The stolen vehicle tracking apparatus according to claim 3. wherein the communication enable area discriminator sets the time interval, for which the given information is transmitted, to be an extended time interval in occurrence of the own vehicle speed falling to be less than a given speed.

6. (Original) The stolen vehicle tracking apparatus according to claim 3, wherein the speed detector measures the own vehicle speed depending on the amount of displacement of an own vehicle location per unit time.

7. (Currently Amended) A stolen vehicle tracking apparatus comprising:
on-vehicle transmitting means for transmitting given information to a base station in occurrence of an own vehicle being stolen;

communication enable area discriminating and processing means for discriminating to find whether communication is available between the own vehicle and the base station; ~~and~~

control means controlling the on-vehicle transmitting means so as to interrupt the given information from being transmitted when discriminated by the communication enable area discriminating and processing means that the own vehicle stands outside of a communication area; and

speed detecting means for detecting an own vehicle speed,

wherein when discriminated that communication is made available between the own vehicle and the base station, the communication enable area discriminating means alters a time interval, for which the given information is transmitted, in dependence on the own vehicle speed detected by the speed detecting means.

8. (Currently Amended) A method of tracking a stolen vehicle in occurrence of an own vehicle being stolen, the method comprising;

transmitting given information to a base station in occurrence of an own vehicle being stolen:

discriminating whether communication is available between an own vehicle and the base station; ~~and~~

interrupting the given information being transmitted when discriminating that the own vehicle stands outside of a communication area; and

altering a time interval, for which the given information is transmitted, in dependence on a speed of the own vehicle when discriminated that communication is made available between the own vehicle and the base station.